

**ADAM'S
STEEL AND WIRE
WORKS**



JOLIET, ILLINOIS

...Catalogue *and* Price List...

OF

ADAM'S
STEEL AND WIRE
WORKS



Beach and McDonough Sts.
JOLIET, ILL.

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GALVANIZED HEXAGON POULTRY NETTING.



This cut represents the exact size of our 2x2-inch mesh, No. 19 Poultry Netting.

STANDARD LIST.

2x2-inch Mesh.

No. 18 Wire, per square foot.....	3¼c
No. 19 Wire, per square foot.....	2½c
No. 20 Wire, per square foot.....	2¼c

1½x1½-inch Mesh.

No. 18 Wire, per square foot.....	4½c
No. 19 Wire, per square foot.....	3½c
No. 20 Wire, per square foot.....	3c

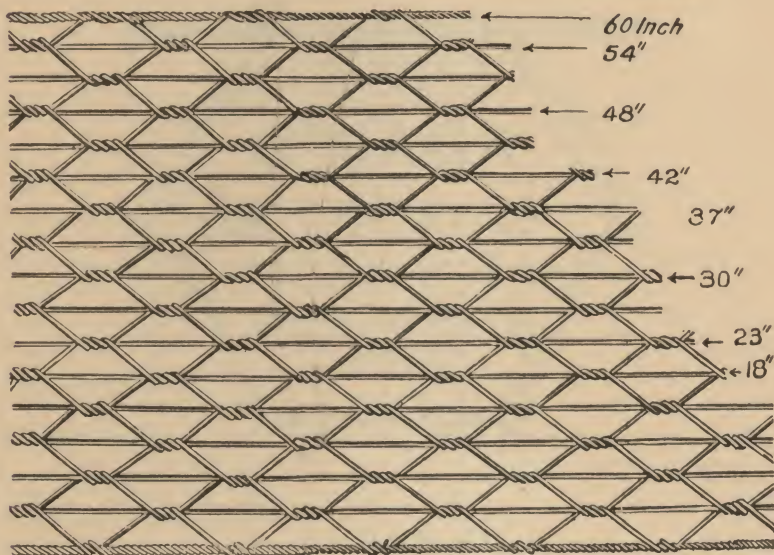
1x1-inch Mesh.

No. 18 Wire, per square foot.....	7¾c
No. 19 Wire, per square foot.....	6½c
No. 20 Wire, per square foot.....	5½c

Put up in rolls of 150 feet in length. Widths, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90 and 96 inches.

ADAM'S EXTRA WOVEN WIRE FENCING.

Made of the Best Galvanized Steel Wire. Will Not Sag.



This is the best Woven Wire Fence made, and is designed for use where heavy strain is required. As will be readily seen, the parallel wires running through the fabric are so interwoven with the mesh wires as to make the strongest known combination for a fence. We are the only manufacturers of this style of fencing. For Lawn Fences this has no equal. The line wires running as they do through the mesh wires form a truss which prevents sagging. IT WILL NOT SAG.

For a first-class Farm Fence, we recommend the Extra Heavy Fence 48 inches high, $3\frac{3}{4} \times 12$ mesh; selvage, two strands No. 12 wires, line wires No. 12 and mesh wires No. 14.

For Hog Pastures, where it is used in connection with barbed wire, we would recommend the 23 or 30-inch Extra Heavy $3\frac{3}{4} \times 12$ mesh.

If you do not need quite as heavy fencing, the regular Extra made with selvage of two strands of No. 12 wires, line and mesh wires No. 14 will answer. This makes a good substantial fence but it is not as good as the Extra Heavy, where subjected to hard use.

Thus we are able to meet the reasonable demands for a fence for any and all purposes.

PRICE LIST—Adam's "Extra Heavy" Woven Wire Fencing.

Selvage, Two Strands No. 12 Wire, Line Wires No. 12, Mesh Wires No. 14.

SIZE OF MESH, 3¼x12.			SIZE OF MESH, 3¼x9.			SIZE OF MESH, 3¼x6.		
Height	Price per Rod	Wgt per Rod	Height	Price per Rod	Wgt per Rod	Height	Price per Rod	Wgt. Per Rod
18 inches	\$.50	5 pounds	18 inches	\$.60	6 pounds	18 inches	\$.70	7 pounds
23 "	.60	6 "	23 "	.70	7 "	23 "	.80	8 "
30 "	.70	7.5 "	30 "	.80	8.5 "	30 "	.90	9.5 "
37 "	.80	9 "	37 "	.90	10 "	37 "	1.00	11 "
42 "	.90	10.5 "	42 "	1.00	11.5 "	42 "	1.10	12.5 "
48 "	1.00	12 "	48 "	1.10	13 "	48 "	1.20	14 "
54 "	1.10	13.5 "	54 "	1.20	14.5 "	54 "	1.30	15.5 "
60 "	1.20	15 "	60 "	1.30	16 "	60 "	1.40	17 "

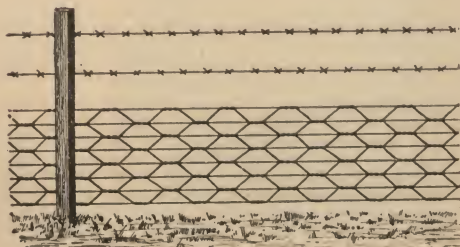
PRICE LIST—Adam's "Extra" Woven Wire Fencing.

Selvage, Two Strands No. 12 Wire, Line and Mesh Wires No. 14.

SIZE OF MESH, 3¼x12.			SIZE OF MESH, 3¼x9.			SIZE OF MESH, 3¼x6.		
Height	Price per Rod	Wgt. per Rod	Height	Price per Rod	Wgt. per Rod	Height	Price per Rod	Wgt. per Rod
18 inches	\$.40	4.5 pounds	18 inches	\$.50	5 pounds	18 inches	\$.60	5.5 pounds
23 "	.50	5 "	23 "	.60	5.5 "	23 "	.70	6 "
30 "	.60	6.5 "	30 "	.70	7 "	30 "	.80	7.5 "
37 "	.70	7.5 "	37 "	.80	8 "	37 "	.90	8.5 "
42 "	.75	8 "	42 "	.85	9 "	42 "	.95	9.5 "
48 "	.80	9.5 "	48 "	.90	10.3 "	48 "	1.00	11 "
54 "	.85	10.5 "	54 "	.95	11 "	54 "	1.05	12 "
60 "	.90	12 "	60 "	1.00	12.5 "	60 "	1.10	13 "

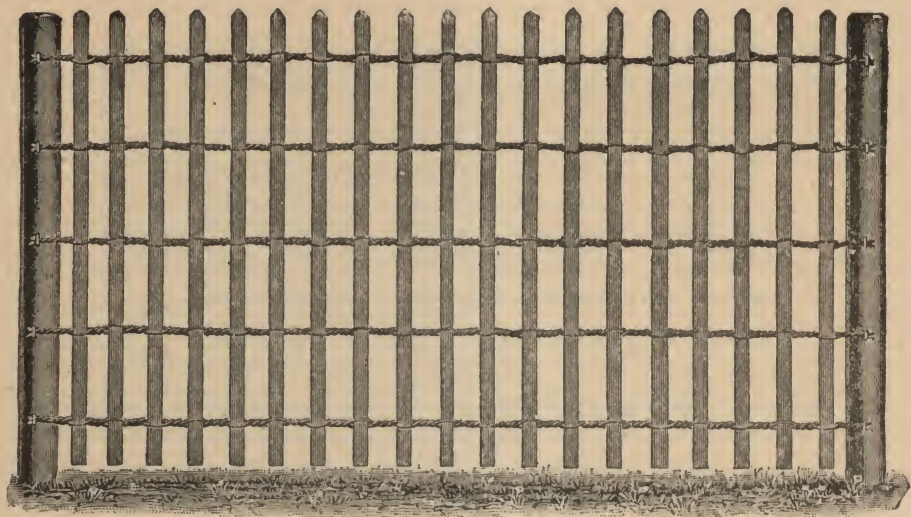
SIZE OF MESH, 2x8.			SIZE OF MESH, 2x4.		
Height	Price per Rod	Wgt. per Rod	Height	Price per Rod	Wgt. per Rod
18 inches	\$.90	7 pounds	18 inches	\$1.05	8 pounds
24 "	1.00	8 "	24 "	1.15	10 "
30 "	1.10	10 "	30 "	1.25	12 "
36 "	1.20	12 "	36 "	1.35	14 "
42 "	1.30	14 "	42 "	1.45	16 "
48 "	1.40	16 "	48 "	1.55	18 "

All our Woven Wire Fencing is made of the **BEST GALVANIZED STEEL WIRE.** Put up in rolls of 20 rods, (330 feet) each.

SHEEP AND HOG FENCE.

This cut represents the use of our "Extra" Fencing in connection with barbed wire. We make only the woven wire part of it. The fence is used largely by sheep breeders, as it prevents the wool being torn from the sheep; and by hog breeders, as it absolutely prevents hogs from getting out of the enclosure. Railroads use it to protect against small stock. We sell large quantities of this "Extra" 23 and 30 inches wide, for this purpose.

ADAM'S COMBINATION SLAT AND WIRE FENCING.



We are the largest manufacturers of Slat and Wire Fencing in the United States.

Our Combination Slat and Wire Fence is made on automatic machinery from selected stock, and the constantly increasing demand for this fence, leads us to say that we undoubtedly make the best combination slat and wire fence on the market.

This fence is made of a heavy fence lath, which is manufactured especially for our use. We take the entire cut of several large mills. These lath are four feet long, and the upper end is pointed in such a manner as to make the fence an additional protection.

These lath are spaced 2, 2½ and 3 inches apart, and woven between three, four or five sets of No. 12 galvanized wires. The fence is put up in rolls of from six to eight rods.

POULTRY FENCES.

For ordinary use, fence with the pickets 2½ inches apart is all that is necessary, but we make it for poultry yards with the pickets 2 inches apart. For some purposes, 3 inches apart is all that is required.

HOG FENCES.

We also manufacture a fence 2 feet high, with pickets woven in between three cables. This fence is usually used for enclosing Hog Pastures. It is well known that barbed wire is of no value for this purpose and this Slat fence makes an absolutely secure enclosure. Nothing better can be had.

TEMPORARY FENCES.

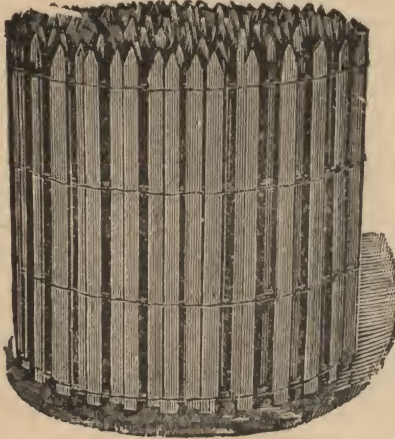
This fence may be taken down, removed and rebuilt in a short time. Fields may be fenced for temporary pasturage on short notice and with but little labor.

ITS DURABILITY.

As no two pieces of wood come in contact, there are no nails used in the pickets, nor joints for water to lodge in. It dries off immediately after a rain. The combination of so many wires makes it almost impossible to break the pickets.

IT IS PORTABLE.

No other fence has ever been offered to the farmer that can be as easily moved as this, unless it may be Adam's Woven Wire Fencing. The staples may be withdrawn and the fence rolled up and removed without the slightest injury.



Roll of Slat Fence ready for shipment.

The shipping weight of 4-foot fence is from 40 to 50 pounds per rod.

PRICE LIST.

Pickets, 4 feet long, pointed and dipped in an alkaline solution colored red.

3	Cables, Pickets 3	ins. apart,	65c	per rod
3	"	2 1/2 "	70c	" "
3	"	2 "	75c	" "
4	"	3 "	70c	" "
4	"	2 1/2 "	75c	" "
4	"	2 "	80c	" "
5	"	3 "	75c	" "
5	"	2 1/2 "	80c	" "
5	"	2 "	85c	" "

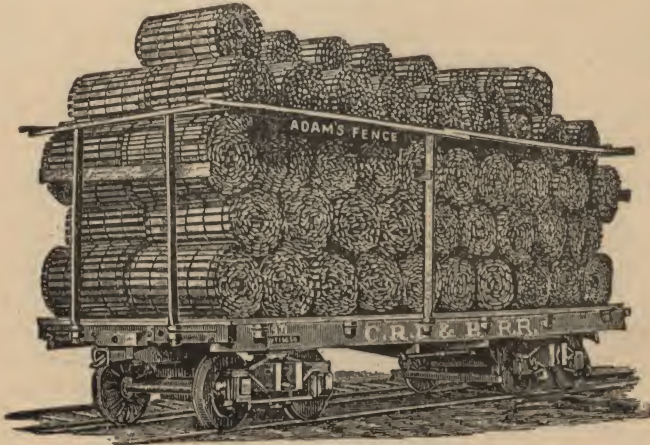
HOG FENCE.

2 feet high. Not Pointed.

3 Cables, Pickets 3 ins. apart, 45c per rod

PATENTS.

This fence is not patented, and cannot be; the statements of some manufacturers to the contrary notwithstanding. Machinery for making it may be patented, but that has nothing to do with the product, the fence; and where you might get into trouble with a machine, you cannot by buying the fence.



In shipping car loads of this fence we secure special cars, the capacity of which is from 600 to 800 rods.

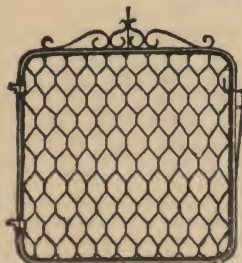
ADAM'S WOVEN WIRE GATES.

These Gates are made of the very best material, "T" steel being used for the frame, and filled with galvanized steel wire, with plain or ornamental tops, and with hinges and latches complete.

PRICE LIST OF ADAM'S WOVEN WIRE GATES.

Size of Mesh 4 by 6 inches, No. 12 Galvanized Wire.

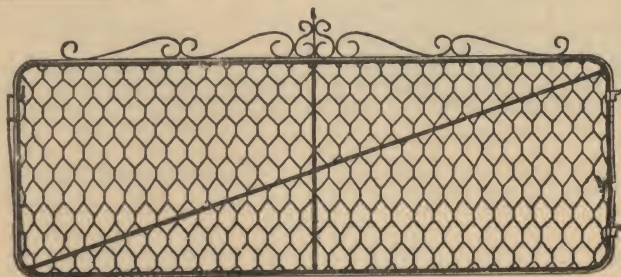
SMALL SINGLE GATES.



WIDTH.	HEIGHT.	PRICE.
36 inches.	36, 42, 48 inches	\$4 75 each.
42 inches.	36, 42, 48 inches	\$4 90 each.
48 inches.	36, 42, 48 inches	\$5 00 each.

Without ornamental top, 50c less.

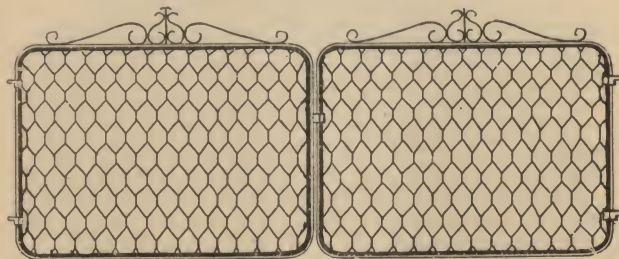
LARGE SINGLE GATES.



WIDTH	HEIGHT.	PRICE.
8 feet.	36, 42, 48 inches.	\$11 50 each.
10 feet.	36, 42, 48 inches.	\$11 75 each.

Without ornamental top, 75c less. The strongest, best and lightest gate made, thoroughly braced and complete in every respect.

LARGE DOUBLE GATES.



WIDTH.	HEIGHT.	PRICE
5 feet.	36, 42, 48 inches.	\$13 75 per pair.
6 feet.	36, 42, 48 inches.	\$14 00 per pair.

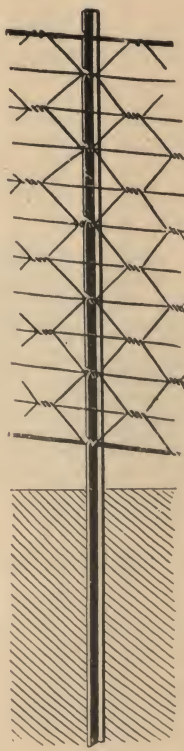
Without ornamental tops, \$1.00 less per pair. Special sizes made to order.

ADAM'S "T" STEEL POSTS.

No. 150.



Set Ready for Use.

With Woven Wire
Attached.With Barbed Wire
Attached.

We have the best Steel Posts on the market, which is fairly illustrated by these cuts, which show the post set ready for use.

This post is made of "T" steel, one inch by one inch, driven into the ground, with slots for receiving the wire at any distances apart required. When the wire or netting is attached, as is illustrated by the accompanying cuts, a slight blow from the hammer will close the slot so that the wire cannot get out. Made in any length required. In ordering, give distance between slots.

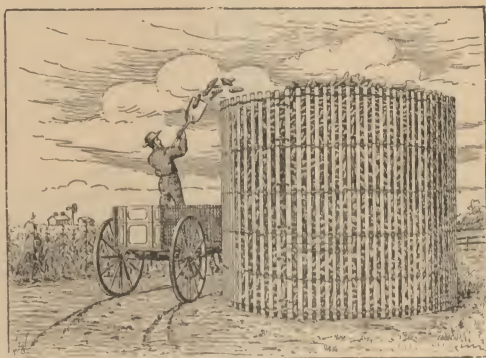
Braces for end and corner posts fitted at same price as posts.

By using this post for woven wire or barbed wire, you have an absolutely fireproof fence. In ordinary soil you do not have to dig a post hole; simply start a hole with a bar and then drive the post down as deep as required. **Price, six cents per foot.**

ADAM'S NO. 1 PORTABLE CORN CRIB.

**Cheap, Practical, Convenient—Just What the Corn Grower Needs.
Gold Medal Awarded at the Chicago World's Fair in 1893.**

SHIPPED IN A ROLL CONVENIENT FOR HANDLING.



Patented June 27, 1893.

We have been watching closely for a number of years back the requirements of the corn sections for cheap Corn Cribs, and while we do not know all about Corn Cribs, we have a few suggestions which may be worth at least passing attention.

If you are "rich and increased in goods" you doubtless have large permanent Corn Cribs, but a bountiful crop may leave you without room "wherewith to bestow your fruits," then instead of building a lot of expensive Corn Cribs which you may not need next season, you can, at a small expense, find room for your surplus crop by buying **Adam's Portable Corn Cribs**.

If you are poor, and cannot afford to build large, expensive cribs, which would doubtless cost you more than the corn in them would be worth, buy Adam's Portable Corn Cribs. You cannot afford to simply pile your corn up in a heap as the amount you would thus waste would pay for Adam's Portable Corn Cribs each season.

If your corn fields are a long distance from the house you can save time and money during the husking season, by erecting cribs convenient to the fields and filling them, and hauling the corn during the less busy months of winter. For feeding stock in the field nothing can be more convenient and economical than **Adam's Portable Corn Cribs**.

When you shell your corn, set a crib under the cob carrier and save your cobs in good order for fuel. This saving of fuel will more than pay for one of **Adam's Portable Corn Cribs.**

Adam's Portable Corn Cribs have been greatly **Improved and Strengthened** for this season's trade and we are able to say without fear of contradiction that our cribs are **Perfect in Every Respect.**

ADAM'S No. 1 PORTABLE CORN CRIBS are made of heavy staves, one inch thick, dressed on both sides and beveled to an edge so as to allow the cables to fit closely around them. These staves are woven at distances of about 1½ inches apart, between **SEVEN SETS OF STEEL CABLES** made of two No. 12 galvanized wires each, thus allowing **AMPLE VENTILATION.**

A door made in two sections is provided on one side of the Crib. These sections are attached to the Crib by a peculiar wire hinge made of the cables which are used in the construction of the Crib. These hinges do not bend the cables when the door is being used, allowing free movement of the doors without strain, bend or injury to the cables.

On the inside of the Crib across the doorway, three stay rods are provided—one near the top, one at the center and one near the bottom to prevent the Crib from spreading when the door is open. These stay rods are made of round steel with a peculiar double hook at each end, so constructed as to hook over a slat and around one set of cables on each side of the doorway, thus making the strain on the Crib uniform and preventing the Crib from spreading.

For convenience in shipping, these cribs are put up in rolls and can be easily hauled in an ordinary farm wagon. They require no tools in erecting them, as the fastening attachments are all secured, and all that is necessary is to stand them in a circular form, latch them together, attach the stay rods and fill them. Ten or fifteen minutes is all the time it should take to erect one of these cribs.

PRICE LIST OF ADAM'S NO. 1 CRIBS.

HEIGHT.	DIAMETER.	CAPACITY.	PRICE.
8 feet	13 feet	500 bushels	\$15 00
8 feet	17 feet	900 bushels	20 00
8 feet	21 feet	1400 bushels	25 00
8 feet	25 feet	2000 bushels	30 00

DIRECTIONS FOR ERECTING NO. 1 CRIB.

Select a spot as nearly level as possible, stand your roll of cribbing in an upright position, then unroll the cribbing, and draw it in a circular form, and fasten it with hooks attached for this purpose, then fasten the three stay rods across the door opening, one near the top, one near the center and one near the bottom on the inside of the door, hooking each end around a stave and a set of cables and you are ready to fill your crib with corn.

It is well to raise the ground a trifle where you intend the crib to stand, and throw on a covering of hay, to keep the corn from coming in contact with the ground, and place two or three shoveling boards on the hay before filling, thus making it easy to remove the corn. When the crib is filled, cover it with hay or canvas, and you have a good crib at a small cost. Three or four props will be required to keep the crib in position until you get a few loads of corn in it. Be careful and keep the corn leveled so as to equally distribute the pressure.

The "Adam" Green Bone Cutter,

PATENTED—United States, Dec. 28, 1898.
Canada, April 5, 1898.

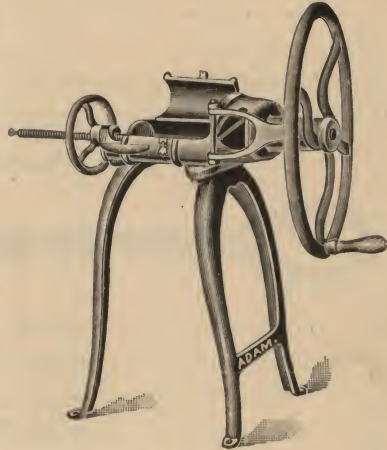
Our Standard Machine.

**Bone Cylinder
Without Obstruction.**

Length, 11 inches. Diameter, 4 inches.
Capacity, 140 cubic inches.

**No Gearing. Full Ball Bearing.
Shipping Weight, 90 pounds.
The Best Hand-power Bone Cutter
Made.**

Price, \$12.00.



NO. 1.

**There is no Bone Cutter which Equals this for Capacity,
Ease and Simplicity. If you have a Large Flock buy
this Cutter and you will make no mistake**

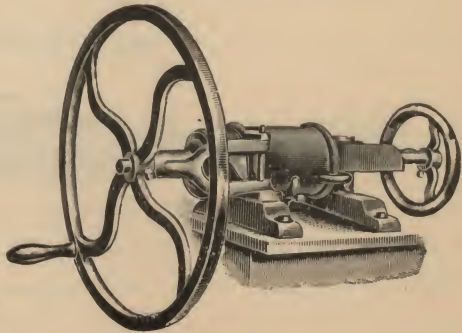
This machine is designed for owners of small flocks, and may be attached to a bench, or any other convenient place. It is as perfectly made as our other machines, simply being smaller. While we furnish it with a crank instead of a balance wheel for one dollar less, we would recommend the one with the balance wheel, as it will work much easier.

**Price with Balance Wheel.....\$8 50
" " Crank.....\$7 50**

Send for Special Bone Cutter Catalogue

OUR SMALLEST MACHINE

Patented, United States, Dec. 28, 1898. Canada, April 5, 1898. Bone Cylinder without Obstruction. Length, 6 inches; diameter, 4 inches; capacity, 75 cubic inches. Shipping weight, 50 pounds.



NO. 2

BALE TIES.

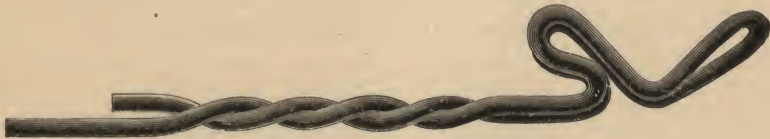
In calling your attention to our Bale Ties, we would say they are carefully made from the best of **Steel Wire**, on special automatic machinery designed and made especially for our use. Our ties are straightened by compression and not by stretching. We call your attention to the various styles as follows:

THE SINGLE LOOPED ADJUSTABLE TIE.



When goods are sold ties and all (as most goods are), the cheapest tie which will securely hold goods in the bale, and at the same time be readily fastened, is the best. The tie which fully meets these requirements is **The Old-Fashioned Single Looped Adjustable Tie**. For Hay, Straw, Excelsior and Shavings, this is undoubtedly the best tie in use for the money.

DIMENSION TIE.



When a tie of fixed length is required, we have in this tie one of the best on the market.

THE OLD NAIL TIE.



When fibrous goods of any kind are sold and the ties to be returned, there is no tie that can be re-used excepting **The Old-Fashioned Nail Tie**. This is the only dimension tie which can be unfastened without injury to the tie. This tie is used largely by Paper Mills.

W. J. ADAM, PRICE LIST OF BALE TIES.

Length in feet.	No. 16 Wire 250 Ties.	No. 15 Wire 250 Ties.	No. 14 Wire 250 Ties	No. 13 Wire 250 Ties	No. 12 Wire 250 Ties	No. 11 Wire 125 Ties.	No. 10 Wire 125 Ties	No. 9 Wire 125 Ties
6	\$3 28	\$3 72	\$4 12	\$5 09	\$ 6 76	\$4 20	\$5 02	\$ 5 73
6 $\frac{1}{4}$	3 38	3 84	4 27	5 26	6 99	4 35	5 18	5 98
6 $\frac{1}{2}$	3 46	3 96	4 41	5 44	7 24	4 50	5 36	6 19
6 $\frac{3}{4}$	3 56	4 08	4 56	5 62	7 49	4 65	5 52	6 42
7	3 64	4 20	4 71	5 80	7 73	4 80	5 80	6 65
7 $\frac{1}{4}$	3 74	4 32	4 86	5 98	7 98	4 95	5 96	6 86
7 $\frac{1}{2}$	3 82	4 44	5 00	6 16	8 22	5 10	6 00	7 10
7 $\frac{3}{4}$	3 92	4 56	5 15	6 34	8 46	5 25	6 24	7 32
8	4 02	4 68	5 30	6 52	8 71	5 40	6 52	7 55
8 $\frac{1}{4}$	4 10	4 80	5 45	6 70	8 95	5 55	6 62	7 78
8 $\frac{1}{2}$	4 20	4 92	5 60	6 88	9 20	5 70	6 74	8 00
8 $\frac{3}{4}$	4 30	5 04	5 74	7 06	9 44	5 85	6 88	8 23
9	4 38	5 16	5 88	7 24	9 69	6 00	7 06	8 46
9 $\frac{1}{4}$	4 48	5 28	6 03	7 42	9 94	6 15	7 20	8 69
9 $\frac{1}{2}$	4 56	5 40	6 18	7 60	10 18	6 30	7 36	8 91
9 $\frac{3}{4}$	4 66	5 52	6 33	7 78	10 42	6 45	7 52	9 14
10	4 74	5 64	6 47	7 96	10 66	6 60	7 68	9 36
10 $\frac{1}{4}$	4 84	5 76	6 62	8 14	10 91	6 75	7 82	9 58
10 $\frac{1}{2}$	4 94	5 88	6 77	8 32	11 15	6 90	7 96	9 81
10 $\frac{3}{4}$	5 02	6 00	6 92	8 50	11 41	7 05	8 14	10 04
11	5 14	6 12	7 06	8 68	11 63	7 20	8 36	10 28
11 $\frac{1}{4}$	5 20	6 24	7 21	8 85	11 88	7 35	8 50	10 50

SEND FOR DISCOUNTS.

We carry a full Stock of Extra Annealed Steel Baling Wire of all sizes.

This wire is made from carefully selected stock, and is annealed especially for our trade.

When you are in the market for anything in this line, let us name you discounts, or net prices on ties and wire.

We manufacture all kinds of Wire Specialties. If you have anything you want made, let us know what it is and we will make you a price on it.

We sell crimped wire, also cabled wire straightened and cut to lengths for use in field fence machines.

ADAM'S ORNAMENTAL STEEL FENCES.

For Lawns, Cemeteries, Parks and Public Buildings, we have the best Steel Fences in the market. They are made from the very best material, the rails being of channel steel and the pickets of round steel, or square steel set diagonally in the rail. (Steel being about 25 per cent. stronger than wrought iron, we are enabled to make a good strong fence and yet have it light, thus our $\frac{3}{8}$ -inch steel picket is as strong as a $\frac{1}{2}$ -inch wrought iron picket would be.) All the joints and connections are made of steel or malleable iron, insuring a uniformity of strength throughout the fence, and our connections at joints allow for contraction and expansion.

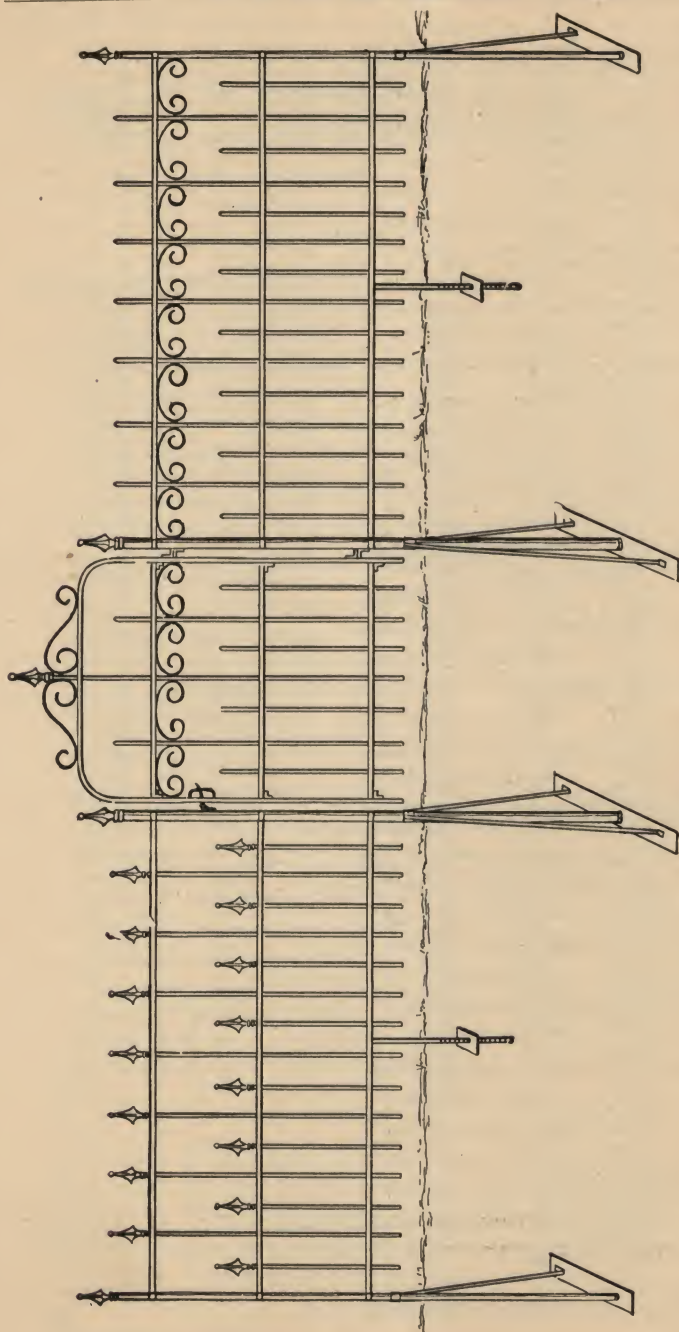
Each section of fence is eight feet in length, and provided with a steel post which is thoroughly braced and has a base which allows it to be set thirty inches into the ground. The gate and corner posts are tubular and also well braced and are furnished with the fence at the price quoted.

There are no extra charges to be figured for posts, braces or other attachments excepting for the gates for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

Our Ornamental Post No. 170 may be substituted for the Tubular Post No. 180 at an extra charge of \$4.00 per post and our No. 175 Post for \$5.50 extra per post.

In ordering, give a diagram of the fence as wanted, showing corners, the location of posts and gates, and from which side they are to swing. For illustration see page 30. We furnish a diagram for setting the fence, with each order.

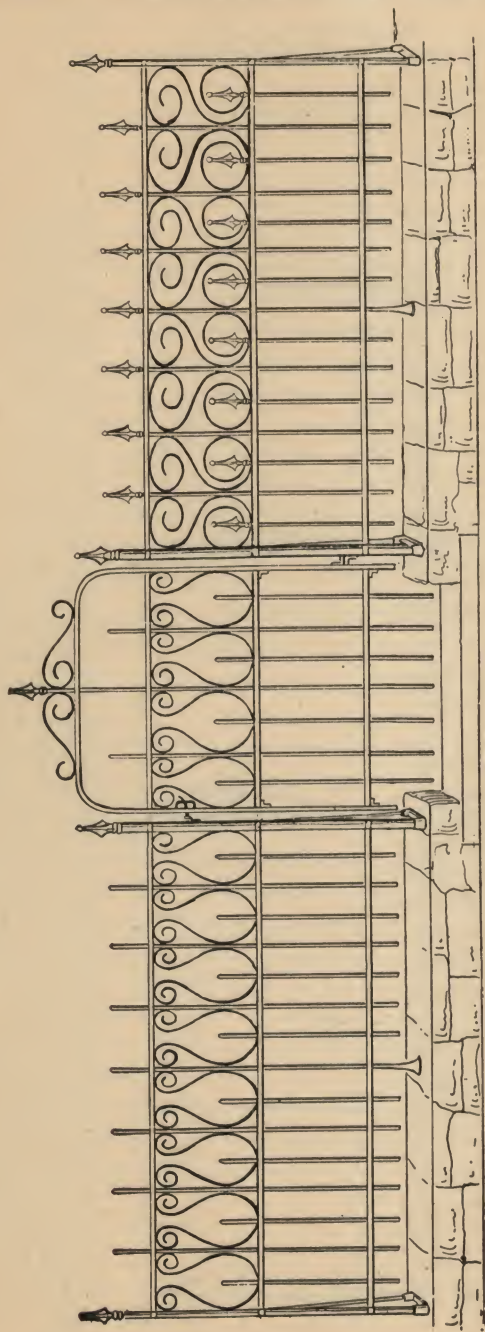
The fence will stand about three inches higher than the list height, that is, a 30-inch fence, when set, will stand about 33 inches high from the ground or coping.



This cut illustrates our Ornamental Steel Fencing showing posts set into the ground. The prices quoted include our **Tubular No. 180 gate and corner posts** and everything complete, excepting gates, for which an extra charge per lineal foot will be made of twice the price of the fence per foot. Our **Ornamental No. 170 Post** may be substituted for the Tubular No. 180 posts at gates and corners at an extra charge of \$4.00 per post.

In ordering, give a diagram of the fence as wanted, showing corners, the location of posts and gates, the size of gates, and from which side they are to swing. For illustration see page 30. We furnish a diagram for setting with each order.

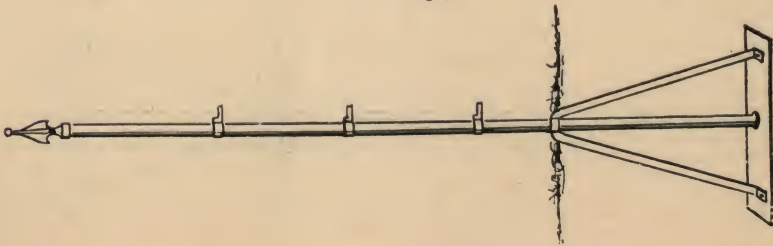
The fence will stand about three inches higher than the list height, that is, a 30-inch fence, when set, will stand about 33 inches high from the ground.



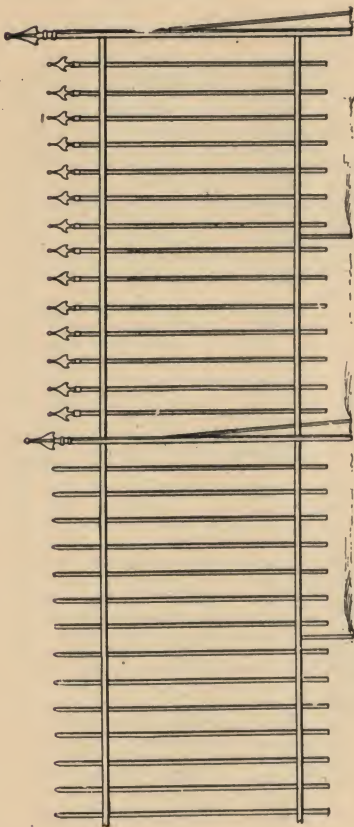
This cut illustrates our Ornamental Steel Fencing set on a stone wall or coping. The prices quoted include our Tubular No. 180 gate and corner posts and everything complete excepting gates, for which an extra charge per lineal foot will be made of twice the price of the fence per foot. Our Ornamental No. 170 post may be substituted for the Tubular No. 180 post at gates and corners at an extra charge of \$4.00 per post.

In ordering, give a diagram of the fence as wanted, showing corners, the location of posts and gates, the size of gates, and from which side they are to swing. For illustration see page 30. We furnish a diagram for setting the fence with each order.

This fence will stand about three inches higher than the list height, that is, a 30-inch fence, when set, will stand 33 inches high from the wall or coping.



No. 180 Post.



STYLE 2.

Two bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{5}{8}$ inches apart.

Price.

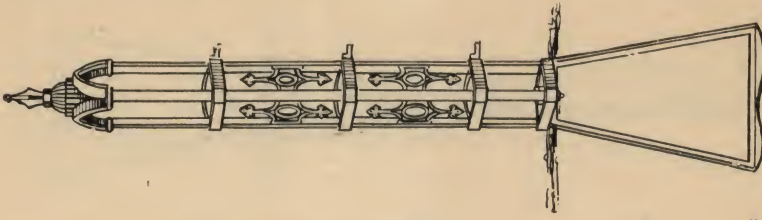
18 inches high,	65c per foot.
24 " "	70c " "
30 " "	75c " "
36 " "	80c " "
42 " "	85c " "
48 " "	90c " "

STYLE 4.

Two bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{5}{8}$ inches apart, with malleable iron tops.

Price.

18 inches high,	\$.75 per foot.
24 " "	.80 " "
30 " "	.85 " "
36 " "	.90 " "
42 " "	.95 " "
48 " "	1.00 " "



No. 170 Post.

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

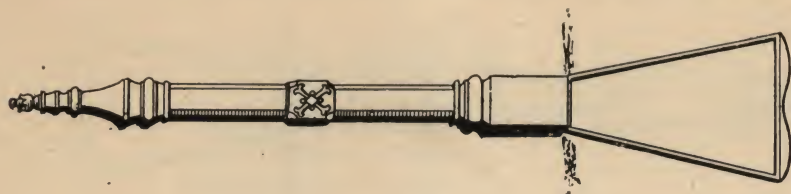
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.



No. 175 Post.

**STYLE 6.**

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{3}{8}$ inches apart.

Price.

30 inches high,	\$.85 per foot.
36 "	" .90 "
42 "	" .95 "
48 "	" 1.00 "

STYLE 8.

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{3}{8}$ inches apart, with malleable iron tops.

Price.

30 inches high,	\$.95 per foot.
36 "	" 1.00 "
42 "	" 1.05 "
48 "	" 1.10 "

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts and braces, etc.

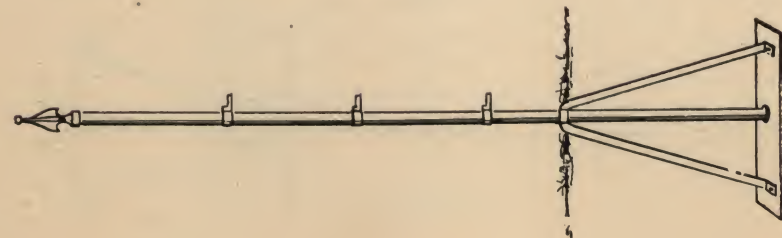
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

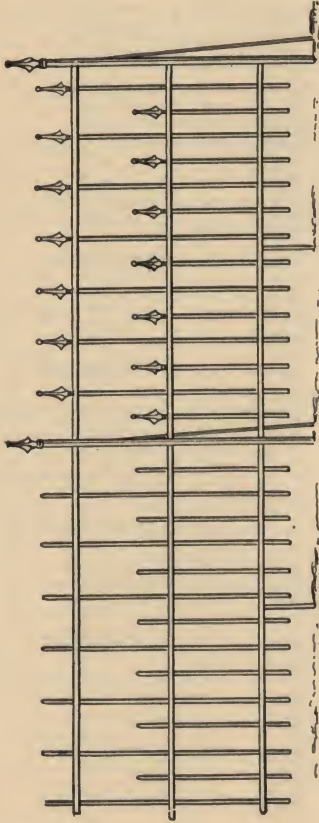
Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.



No. 180 Post.



STYLE 10.

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{5}{8}$ inches apart.

Price.

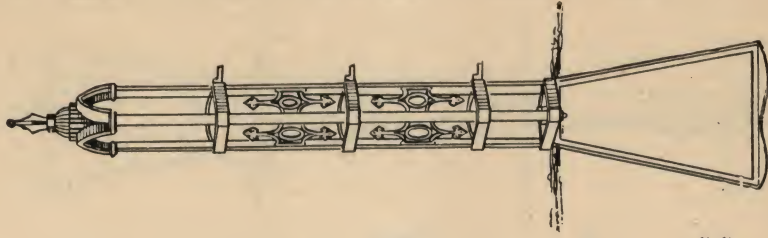
30 inches high,	75c	per foot.
36 "	80c	"
42 "	85c	"
48 "	90c	"

STYLE 12.

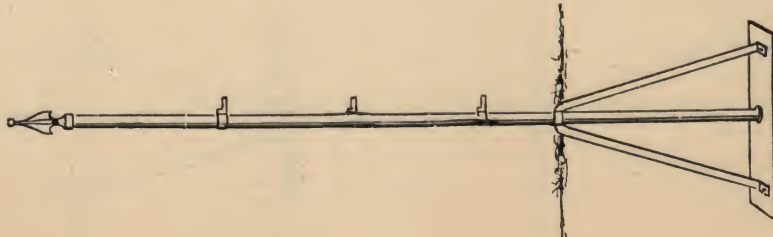
Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{5}{8}$ inches apart, with malleable iron tops.

Price.

30 inches high,	\$.85	per foot.
36 "	.90	"
42 "	.95	"
48 "	1.00	"



No. 170 Post.



No. 180 Post.

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

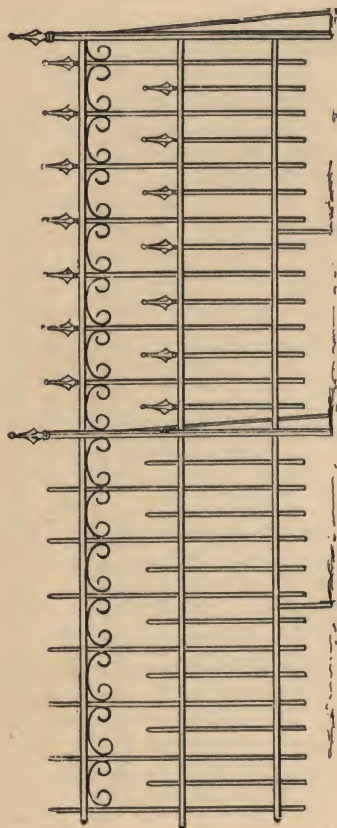
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.

**STYLE 14.**

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{3}{8}$ inches apart, with steel scroll under top rail.

Price.

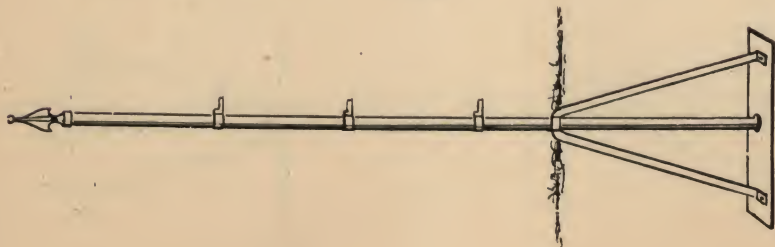
30 inches high, \$.85	per foot.
36 "	.90	"
42 "	.95	"
48 "	1.00	"

**No. 175 Post.****STYLE 16.**

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{3}{8}$ inches apart, with malleable iron tops and steel scroll under top rail.

Price.

30 inches high, \$.95	per foot.
36 "	1.00	"
42 "	1.05	"
48 "	1.10	"

**No. 180 Post.**

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

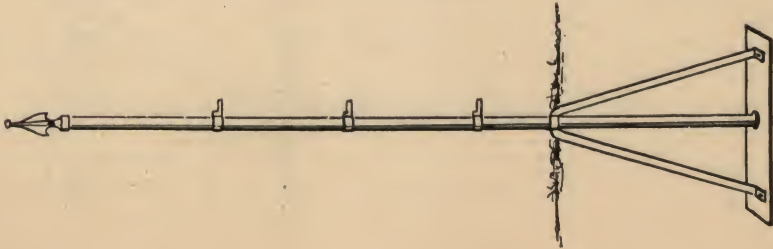
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

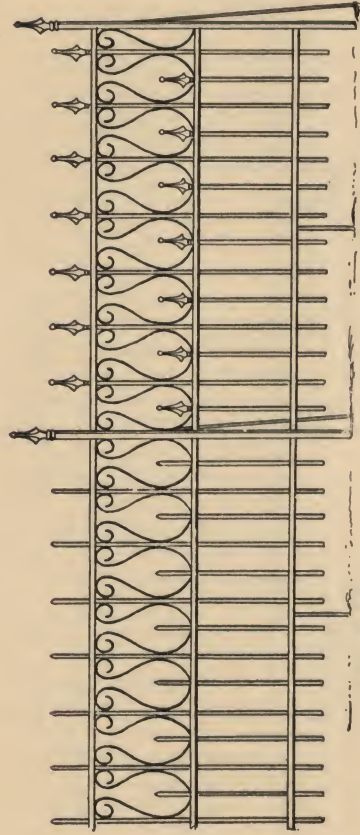
Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.



No. 180 Post.

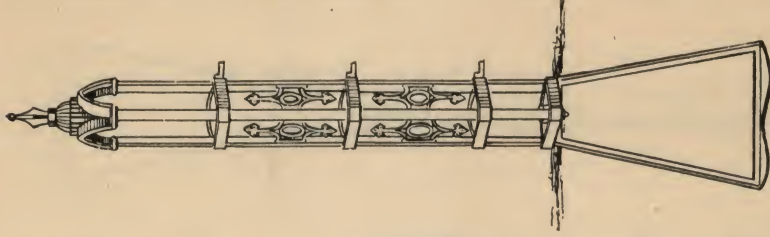


STYLE 18.

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $\frac{3}{8}$ inches apart, with harp-shaped scroll between top and center rails.

Price.

30 inches high,	\$.95 per foot.
36 " "	1.00 " "
42 " "	1.05 " "
48 " "	1.10 " "



STYLE 20.

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $\frac{3}{8}$ inches apart, with malleable iron tops and harp-shaped scroll between top and center rails.

Price.

30 inches high,	\$1.05 per foot.
36 " "	1.10 " "
42 " "	1.15 " "
48 " "	1.20 " "

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

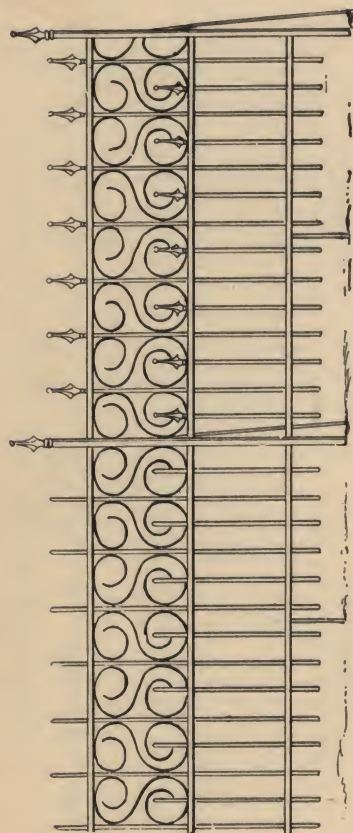
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra. Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.

No. 170 Post.

**STYLE 22.**

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $\frac{3}{8}$ inches apart, with "S" shaped scroll between top and center rails.

Price.

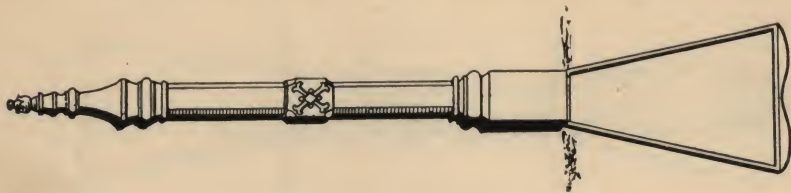
30 inches high,	\$.95 per foot.
36 "	1.00 "
42 "	1.05 "
48 "	1.10 "

STYLE 24.

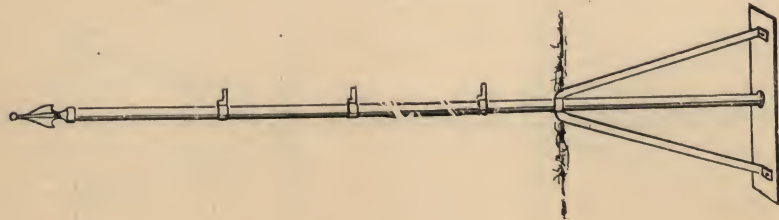
Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $\frac{3}{8}$ inches apart, with malleable iron tops and "S" shaped scroll between top and center rails.

Price.

30 inches high,	\$1.05 per foot.
36 "	1.10 "
42 "	1.15 "
48 "	1.20 "



No. 175 Post.



No. 180 Post.

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

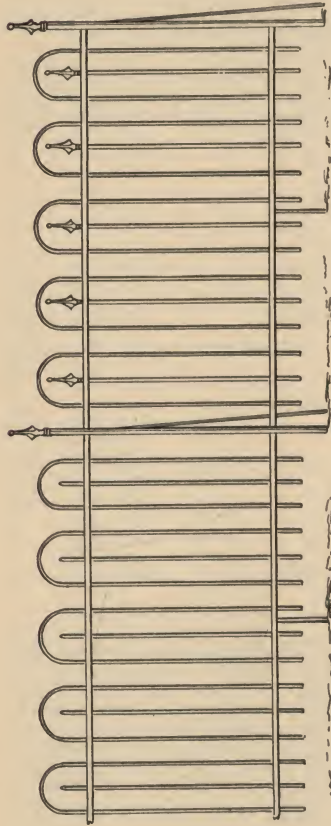
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.



STYLE 26.

Two bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{3}{8}$ inches apart, with bow-shaped picket enclosing a straight picket.

Price.

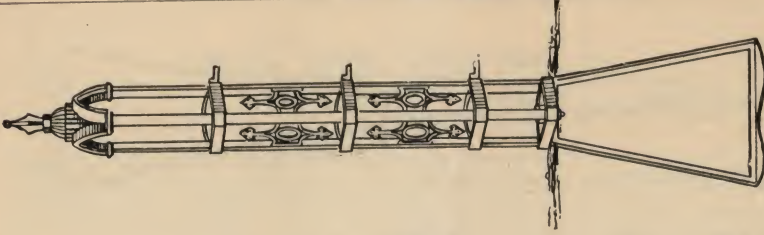
30 inches high,	75c	per foot.
36 "	80c	"
42 "	85c	"
48 "	90c	"

STYLE 28.

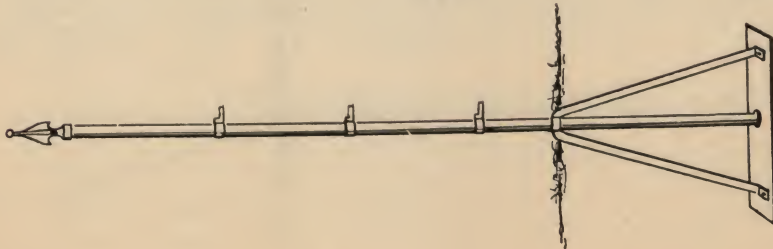
Two bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{3}{8}$ inches apart, with bow-shaped picket enclosing a straight picket with malleable iron tops.

Price.

30 inches high,	\$.85	per foot.
36 "	.90	"
42 "	.95	"
48 "	1.00	"



No. 170 Post.



No. 180 Post.

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

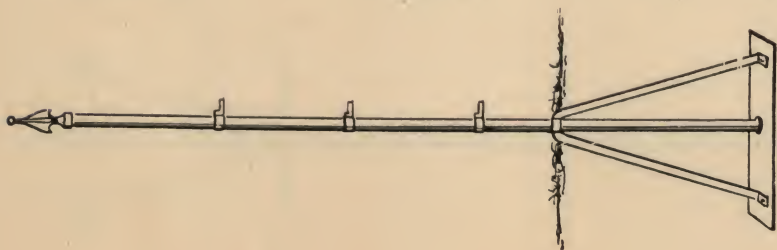
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

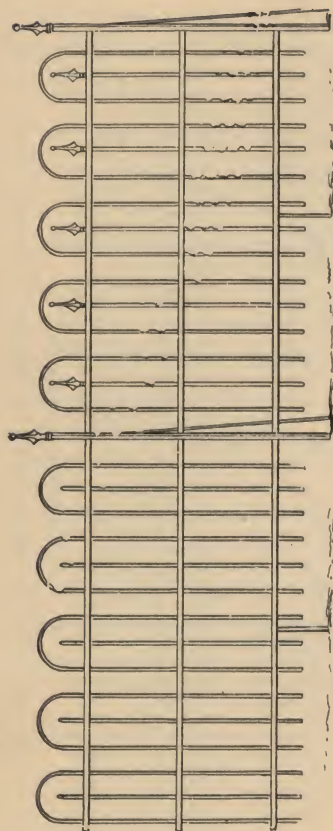
Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.



No. 180 Post.



STYLE 30.

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{5}{8}$ inches apart, with bow-shaped picket enclosing a straight picket.

Price.

30 inches high, \$.85	per foot.
36 "	.90	"
42 "	.95	"
48 "	1.00	"

STYLE 32.

Three bars Channel Steel, $1\frac{1}{4} \times \frac{1}{2}$ inches. Pickets, $\frac{3}{8}$ -inch round steel, $3\frac{5}{8}$ inches apart, with bow-shaped picket enclosing a straight picket with malleable iron tops.

Price.

30 inches high, \$.95	per foot.
36 "	1.00	"
42 "	1.05	"
48 "	1.10	"

This style is particularly adapted for schools and division fences, and is so constructed as to avoid injury to children.

Complete, including our No. 180 Tubular Post for gates and corners, and all line posts, braces, etc.

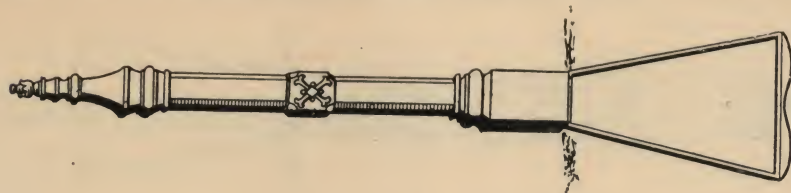
The No. 170 Post may be substituted for the No. 180 Post for \$4.00 extra.

The No. 175 Post may be substituted for the No. 180 Post for 5.50 extra.

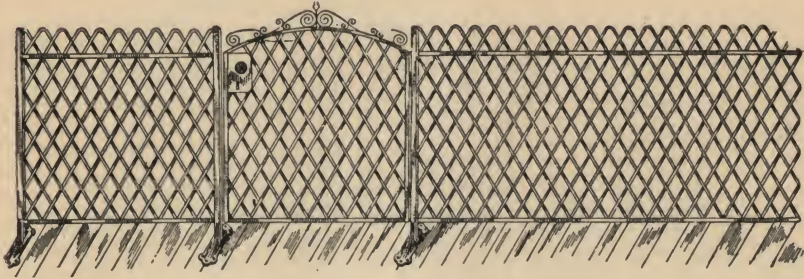
Gates fitted with latches and self-closing malleable hinges, to match any style of fence, for which an extra charge per lineal foot will be made of twice the price of the fence per foot.

For Extras see Page 26.

See page 30 for directions for measuring and estimating cost.



No 175 Post.

HEAVY STEEL WIRE FENCING.

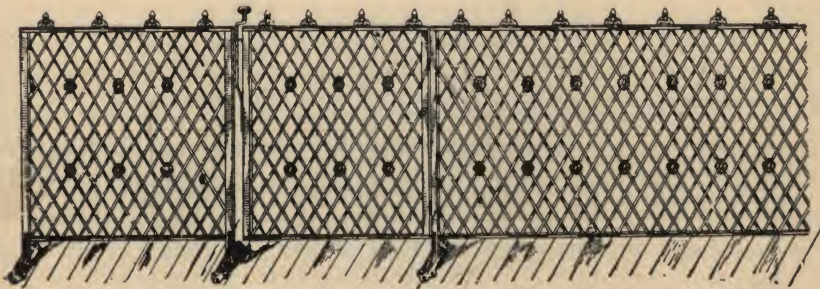
Style 40.

This fence is made of 3-inch diamond mesh No. 7 (3-16) Crimped Steel Wire firmly fastened in a frame of channel steel $1\frac{1}{4} \times \frac{1}{2}$ inches and for division fences between lawns has no equal. The end terminating at the street (where no front fence is used) should be rounded. It also makes an elegant cemetery fence as shown on page 31. For a division fence between lots, this fence has no equal.

Price of Style 40 Fence.

30 inches high.....	\$1.10 per foot.
36 inches high.....	1.20 per foot.
42 inches high.....	1.30 per foot.
48 inches high.....	1.40 per foot.

See page 30 for directions for measuring and estimating cost.



Style 42.

This fence is the same as Style 40 with malleable iron picket points on the top and embossed ornaments on the body of the fence.

Add for Picket Tops, per lineal foot.....20c

Add for Embossed Ornaments, per square foot.....10c

EXTRAS.

The prices on Ornamental Steel Fencing on the preceding pages are based on the specifications named, that is, pickets $\frac{3}{8}$ -inch round steel, set $3\frac{5}{8}$ inches apart. They may be set closer together at the following additional cost:

For pickets set $3\frac{1}{8}$ inches apart add 5c per foot net.
For pickets set $2\frac{5}{8}$ inches apart add 10c per foot net.

For heavier pickets, add the following to the list:

For $\frac{3}{8}$ -inch square pickets, add 15c per foot.
For $\frac{1}{2}$ -inch round pickets, add 20c per foot.
For $\frac{1}{2}$ -inch square pickets, add 35c per foot.
For $\frac{5}{8}$ -inch round pickets, add 40c per foot.
For $\frac{5}{8}$ -inch square pickets, add 55c per foot.

Our Ornamental Post No. 170 may be substituted for Tubular Post No. 180 at gates and corners at an extra charge of \$4.00 per post, and our No. 175 Post at \$5.50 per post.

DIRECTIONS FOR ERECTING ORNAMENTAL STEEL FENCING.

It does not require much instruction to erect our Ornamental Steel Fence as it is shipped in panels ready to be connected to the posts. The following simple observations will be all that is necessary:

We furnish a diagram showing the position of each panel, thus locating each post. Dig the post holes the proper depth, and large enough to allow ample room for lining up the fence. Attach the panels to the line posts for a considerable length and then **line up the fence perfectly** before tamping the posts and tighten all the bolts before you leave the fence as finished. Anyone who can erect a wooden fence properly will have no trouble in erecting our Iron Fences.

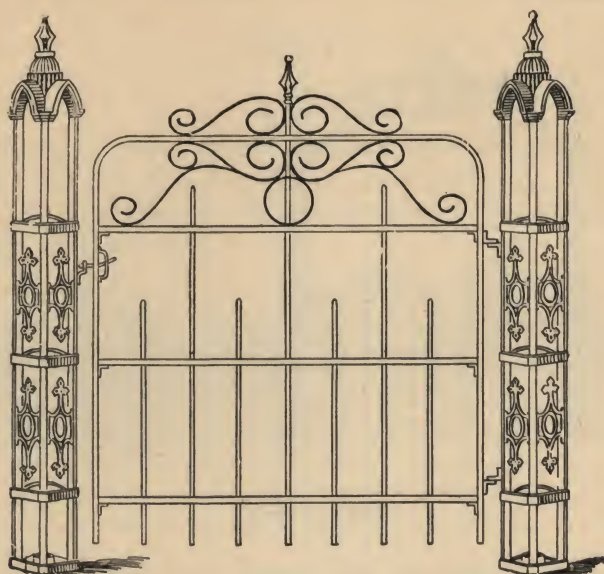
We always prefer, as far as possible, to have specifications of the fencing required, and can often give closer figures on definite requirements. We can also figure on any kind of fence work whether quoted in this catalogue or not. If you have any special designs, we can work them out and make you prices thereon.

**STYLE 100.**

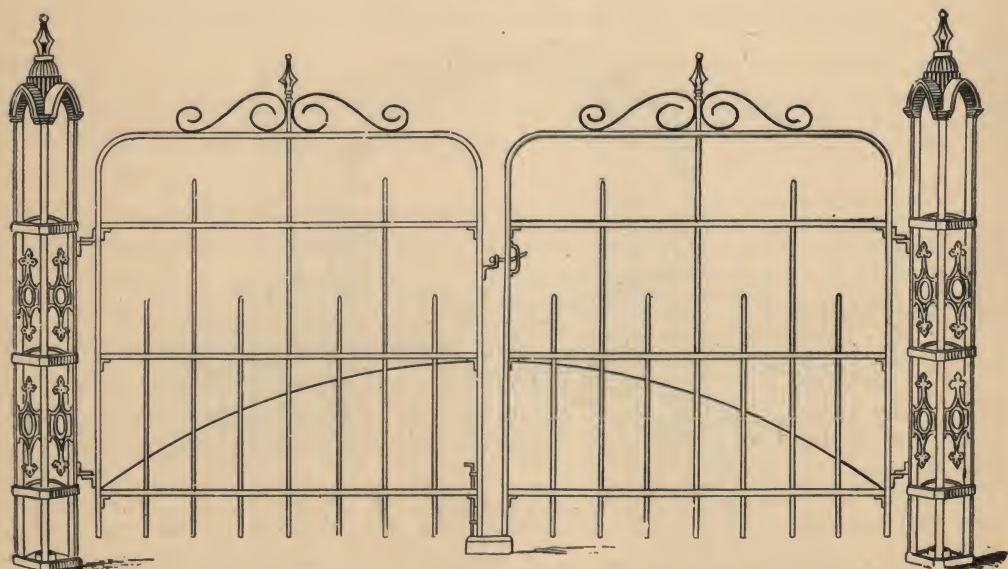
This illustrates one of our cemetery fronts, all steel, which can be made of any style of fence, of any height necessary, and lettered as required. Price on application. The fence in this cut is our style No. 20. See page 21.

**STYLE 102.**

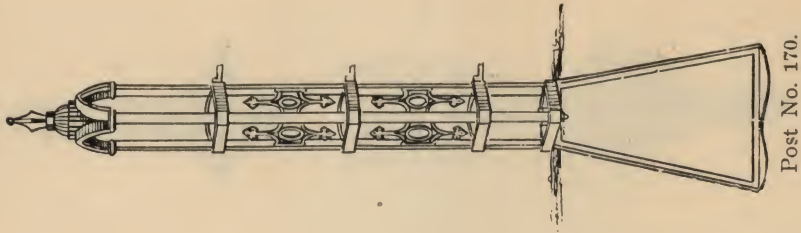
This illustrates one of our cemetery fronts, all steel, which can be made of any style of fence, of any height necessary, and lettered as required. Price on application.



This cut represents our Ornamental Single Gate fitted with latch and self-closing malleable iron hinges to match any style of fence ordered.



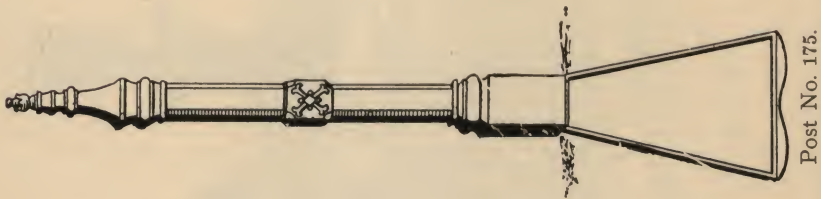
Our Ornamental Double Gate fitted with latch and malleable iron hinges to match any style of fence ordered.



Post No. 170.

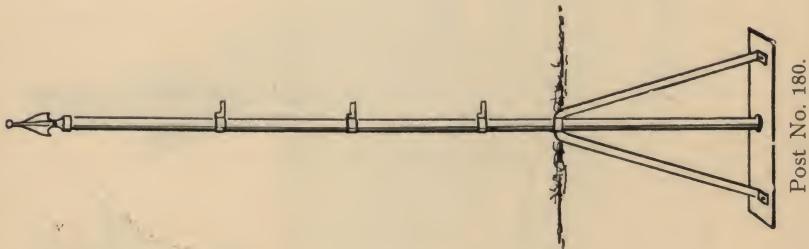
Post No. 170 represents our Ornamental Steel Gate and corner Post which is attached to cast-iron base and made to fit any height of fence ordered.

Price complete, \$5.00 each. Without cast-iron base, \$4.50 each.



Post No. 175.

Post No. 175 represents our Ornamental Cast-Iron Post made to fit any height of fence ordered. Price complete, \$6.50. Without base, \$6.00.

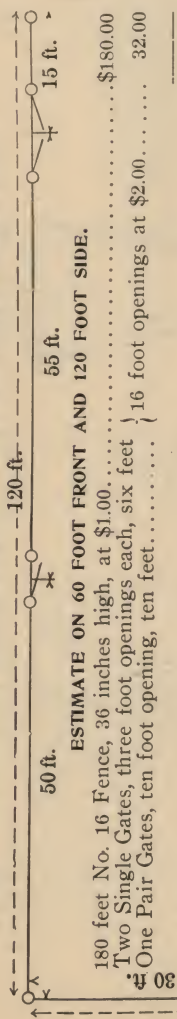


Post No. 180.

Post No. 180 is our Tubular Post which goes with our Ornamental Steel Fencing for Gates and Corners, and is made of tubular steel with a broad foot, well braced so as to set 30 inches in the ground. Malleable iron clips are fastened on it, to which are attached the channel bars of the fencing.

Price, \$1.50 each when ordered without ornamental steel fencing.

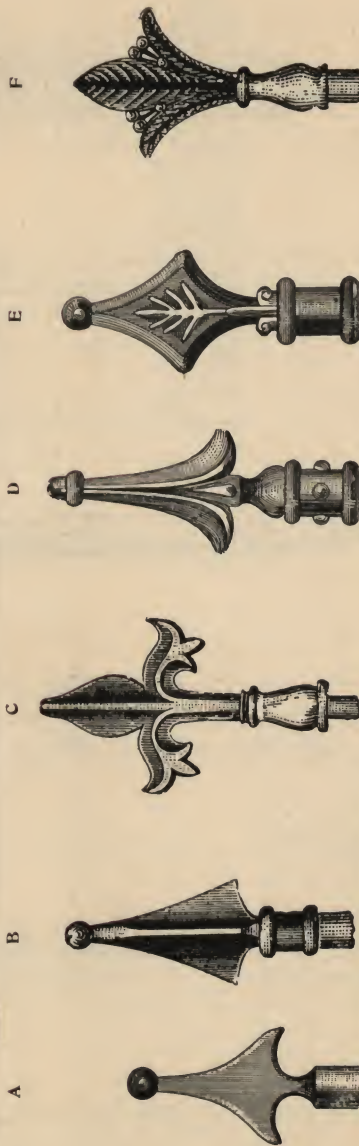
DIRECTIONS FOR MEASURING FENCE AND ESTIMATING COST.



Always give measurement from outside to outside of corner posts, and to the center of each gate. State whether fence is to be set on coping, sidewalk or in the ground. All fences made in curves or recesses will be charged 20c per foot extra, for the actual measurement of fence in curves or recesses.

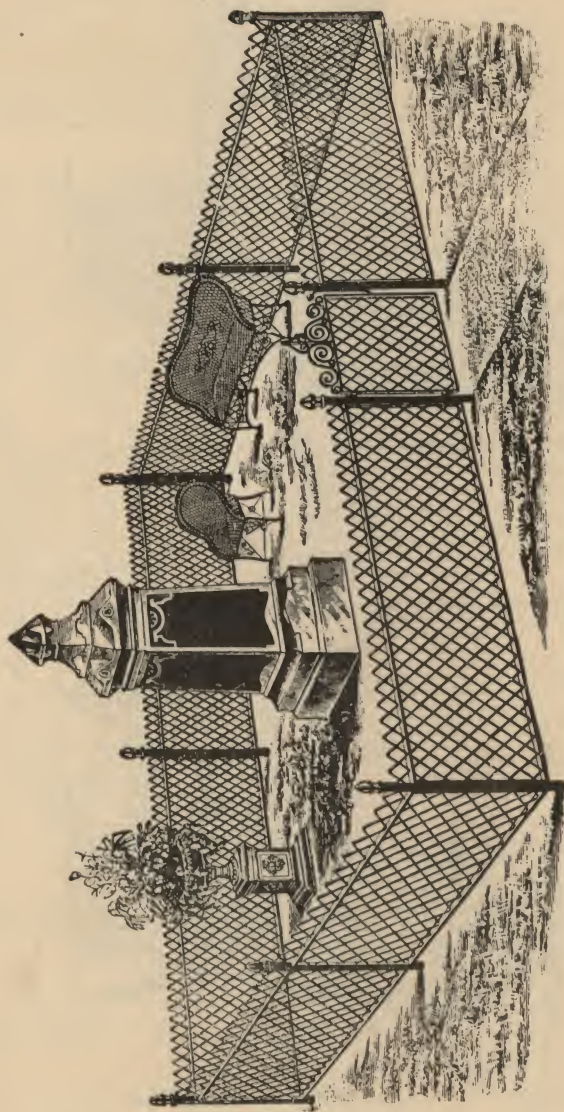


In measurements of recesses, give the depth of recess from front line of fence.



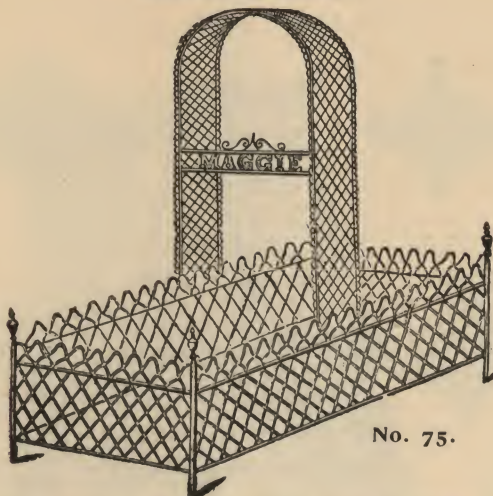
This Ornament is used on our line posts.

The above represent the different styles of points we can put on our fence. The standard style, however, is B.



CEMETERY FENCE—Style 40.

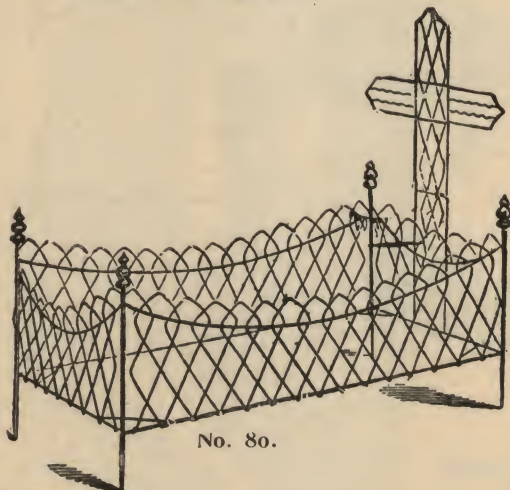
GRAVE GUARDS.



No. 75.

Channel Steel Frame filled with crimped steel wire with arch and name.
Painted dark green.

4 feet long, 24 inches wide, each.....	\$ 9.00
5 feet long, 24 inches wide, each.....	10.00
6 feet long, 30 inches wide, each.....	11.00
7 feet long, 30 inches wide, each.....	12.00
Without arch, less \$1.50.	



No. 80.

Round Steel Frame filled with crimped steel wire with cross. Painted dark green.

4 feet long, 24 inches wide, each.....	\$ 7.00
5 feet long, 24 inches wide, each.....	8.00
6 feet long, 30 inches wide, each.....	9.00
7 feet long, 30 inches wide, each.....	10.00
Without Cross, less \$1.00.	

These guards are made 24 inches high unless otherwise ordered. For other heights, send for special prices.

STABLE FIXTURES.**Steel Stall Guards, \$3.00**

Frame 1-inch channel steel, upright bars $\frac{3}{8}$ -inch round steel placed 4 inches on centers. Length 6 feet, width 2 feet. The top of frame is covered with steel strip $1 \times \frac{1}{8}$ inch.

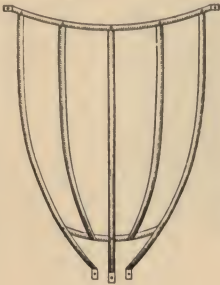
Frame $1 \times 1\frac{1}{2}$ -inch channel steel filled with crimped wire, 2-inch mesh of No. 9 galvanized steel wire. The top of frame is covered with steel strip $1 \times \frac{1}{8}$ inch.

These stall guards may be made rectangular in shape for the same price. Special sizes made to order.

We also make special sizes for box stalls. Prices on application. Send size.

**Crimped Steel Wire Stall Guards, \$3.50.**

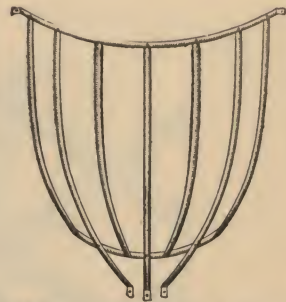
Window and door guards and wire work of all kinds for the stable.

**Quarter Circle Steel Hayrack, \$1.15.**

Made of $\frac{7}{8}$ -inch half-oval steel, thoroughly riveted. Fits right or left-hand corners.

Half Circle Steel Hayrack \$1.45.

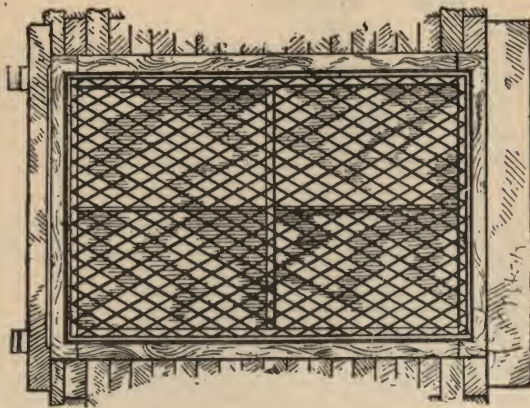
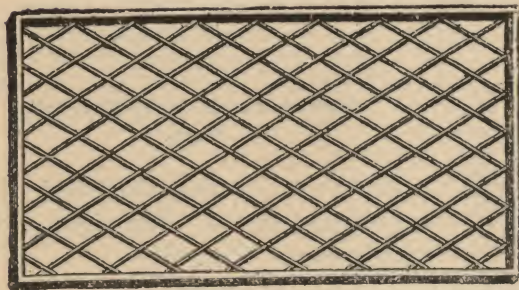
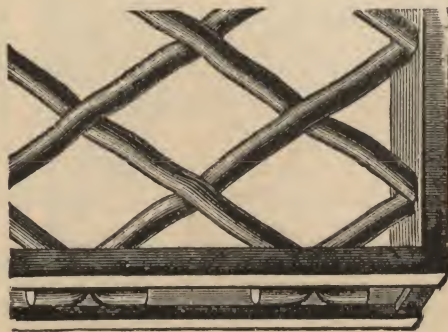
Made of $\frac{7}{8}$ -inch half-oval steel, thoroughly riveted. Fits any wall.



We also make FOLDING STEEL MANGERS to fit between the stall partitions.

Prices on application. Send width of stall.

No. 200 CHANNEL STEEL FRAME WIRE WINDOW GUARDS.



The left-hand cut shows how these Window Guards are made of channel steel and the method of fastening the wire into them. The center cut represents a finished Window Guard, while the right-hand cut represents a Window Guard secured in place. These are unquestionably the best Window Guards made. In ordering, always state which is the height and which the width, so the diamond mesh may run the right way.

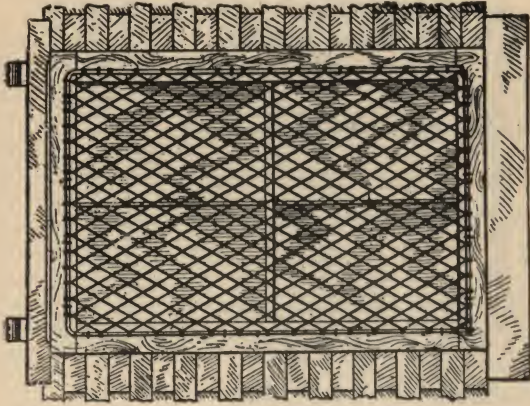
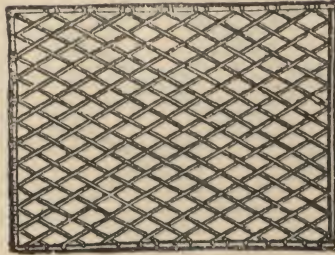
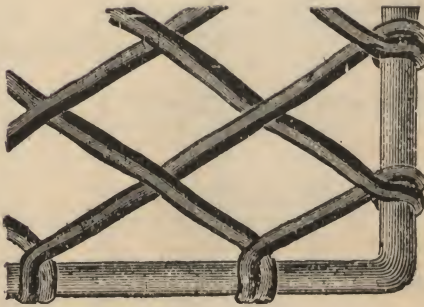
These Window Guards are always painted dark green unless otherwise ordered.

Price List of No. 200 Channel Steel Frame Window Guards.

Mesh.	Wire.	Per sq. ft.	Mesh.	Wire.	Per sq. ft.
1-inch.....	No. 14.....	.40c.	2-inch.....	No. 11.....	.40c.
1-inch.....	No. 13.....	.43c.	2-inch.....	No. 10.....	.43c.
1-inch.....	No. 12.....	.46c.	2-inch.....	No. 9.....	.46c.

Heavier wire may be used. Prices on application.

No. 202 ROUND STEEL FRAME WINDOW GUARDS.



The left-hand cut shows how these Window Guards are made with round steel frames and the method of fastening the wire to them. The center cut represents a finished Window Guard, while the right-hand cut represents a Window Guard secured in place. In ordering always state which is the height and which is the width, so the diamond mesh may run the right way. These Window Guards are always painted dark green unless otherwise ordered.

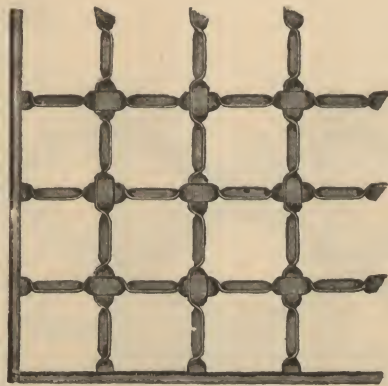
Price List on No. 202 Round Steel Frame Window Guards.

Mesh.	Wire.	Per sq. ft.	Mesh.	Wire.	Per sq. ft.
1-inch.....	No. 14.....	.20c.	2-inch.....	No. 11.....	.20c.
1-inch.....	No. 13.....	.23c.	2-inch.....	No. 10.....	.23c.
1-inch.....	No. 12.....	.26c.	2-inch.....	No. 9.....	.26c.

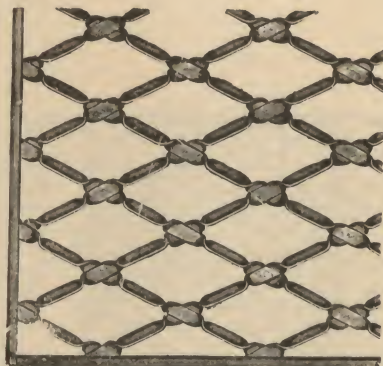
Heavier wire may be used. Prices on application.

FLAT TWIST WIRE WORK.

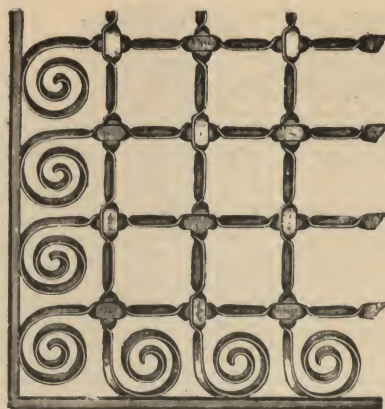
We can furnish Window Guards, Desk Rails, Office Rails, etc., as described in this catalogue in any of the following styles of Flat Twist Wire Work.



Style 210.

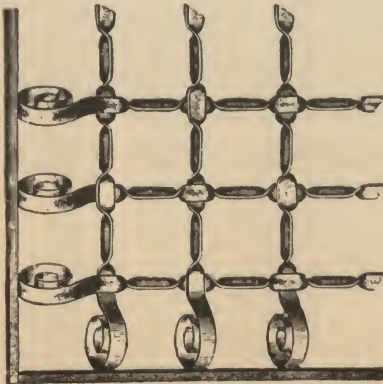


Style 212.

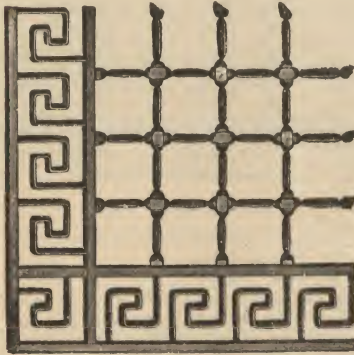


Style 214.

Where something more ornamental than crimped wire work is required, this work is made in styles and finish to meet the most fastidious taste, the material used being steel finished in dead black, green, maroon, copper-bronze, or nickel-plated; or of brass, polished and lacquered or nickel-plated.



Style 216.



Style 218.



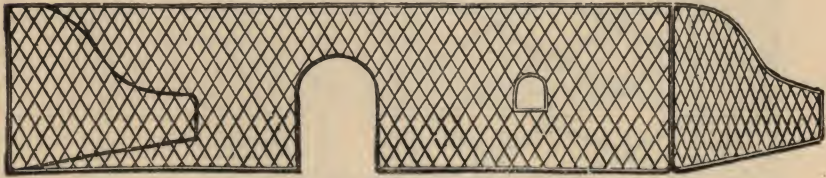
Style 220.

PRICE LIST ON FLAT TWIST WIRE WORK.

	Any Paint Finish on Steel.	Nickel on Steel.	Polished Lacquered Brass.	Nickel on Brass.
Styles 210 and 212.....	\$1.00	\$1.25	\$1.75	\$2.00
{ 2-inch, per square foot.....	1.50	1.75	2.50	2.75
{ 1½-inch, per square foot...	1.25	1.50	2.00	2.25
Styles 214 and 216.....	1.75	2.00	2.75	3.00
{ 2-inch, per square foot.....	1.50	1.75	2.25	2.50
Styles 218 and 220.....	2.00	2.25	3.00	3.25
{ 1½-inch, per square foot...				

The above prices are for this work framed. Unframed, 25c less per square foot.

WIRE COUNTER RAILINGS.



No. 204 Crimped Steel Railing with Round Steel Frame.

Made of $1\frac{1}{4}$ -inch mesh, No. 12 Wire, $\frac{3}{8}$ round steel frame.

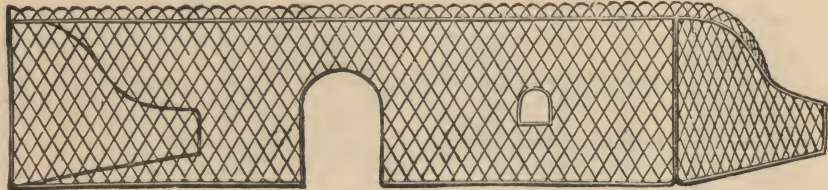
18 inches high, 50c per lineal foot.

24 inches high, 60c per lineal foot.

30 inches high, 70c per lineal foot.

Extra for cash openings, large 75c, small 50c. O. G. Ends, 50c extra, above lineal measure.

This style of rail is used where a cheap but neat and durable protection is required in factories, railroad and express offices, shipping desks, etc.



No. 206 Crimped Steel Railing with Border Top.

Made of $1\frac{1}{4}$ -inch mesh, No. 12 Wire, $\frac{3}{8}$ round steel frame.

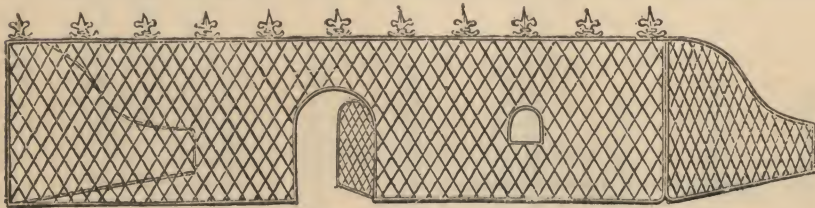
18 inches high, 65c per lineal foot.

24 inches high, 75c per lineal foot.

30 inches high, 85c per lineal foot.

Extra for cash openings, large 75c, small 50c. O. G. Ends, 50c extra, above lineal measure.

This style of rail with border top, as shown in the cut, is especially adapted for retail stores, offices, etc. When "bronzed solid" it presents a fine appearance.



No. 208 Crimped Steel Railing Channel Steel Top with Pickets.

18 inches high, $1\frac{1}{4}$ -inch mesh, No. 12 Wire, per lineal foot....\$.85

24 inches high, $1\frac{1}{4}$ -inch mesh, No. 12 Wire, per lineal foot.... .95

30 inches high, $1\frac{1}{4}$ -inch mesh, No. 12 Wire, per lineal foot.... 1.05

Extra for O. G. Ends above lineal measure..... .75

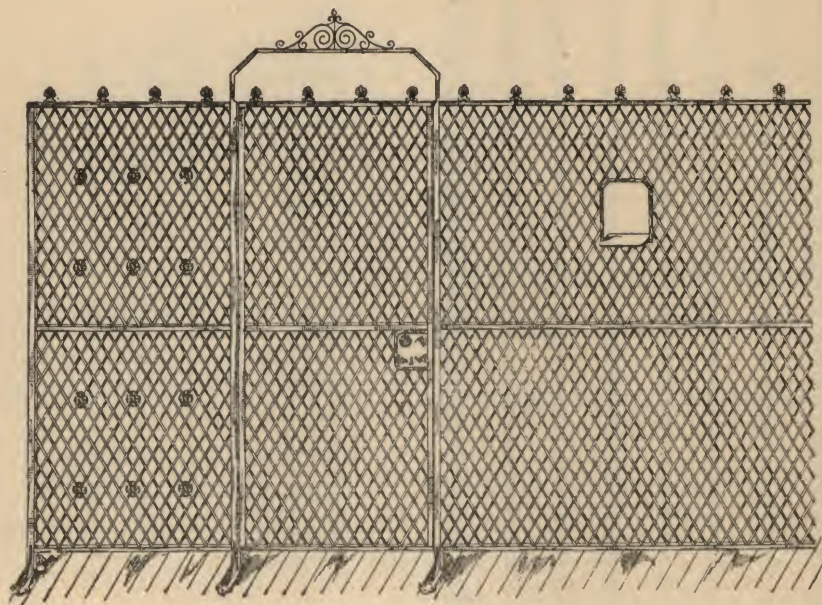
Extra for Cash Openings with door..... 1.50

Extra for Cash Openings without door..... .75

Extra for small Cash Openings..... .50

All our office rails are painted either green or maroon, as desired. We can "solid" gold bronze them at an additional cost of ten per cent. Unless otherwise ordered, we paint them green.

OFFICE PARTITIONS.

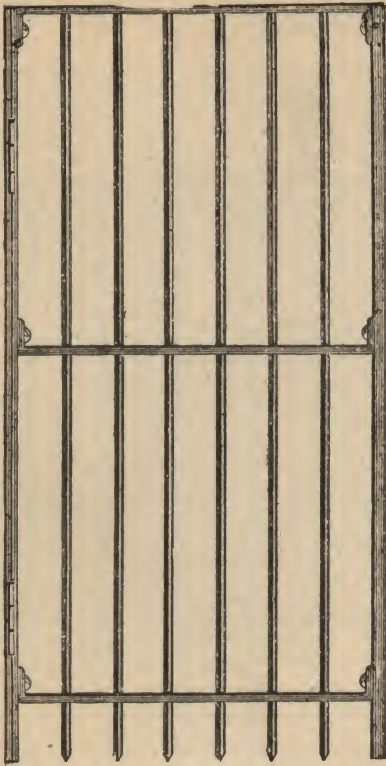


This cut represents an office partition made of crimped wire of our Style 200. Prices on this class of work furnished upon application. Send sketch of what is wanted, giving measurements and showing openings for doors, windows, etc.

WIRE SIGNS.



This cut represents one style of our wire signs. These are used on the top of warehouses, factories, stores, etc. We also make signs which project into the street. Send sketch, giving size of sign and letters wanted.



No. 240.

**PLAIN STEEL DOORS
FOR STORES, BANKS,
PUBLIC BUILDINGS, ETC.**

Price List on any size not less than five feet high.

$\frac{1}{2}$ -inch Round Steel Pickets, \$1.00 per square foot.

$\frac{5}{8}$ -inch Round Steel Pickets, \$1.25 per square foot.

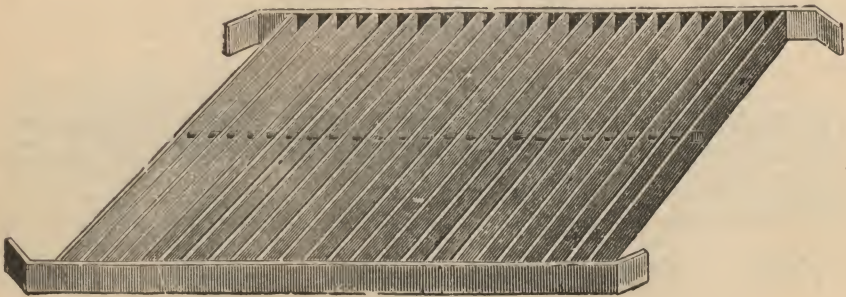
$\frac{3}{4}$ -inch Round Steel Pickets, \$1.50 per square foot.

Hasp and Padlock, extra, \$4.00.

With good Mortice Lock, \$8.00.

Special doors of any design made to order.

STEEL AREA GRATINGS.



No. 250.

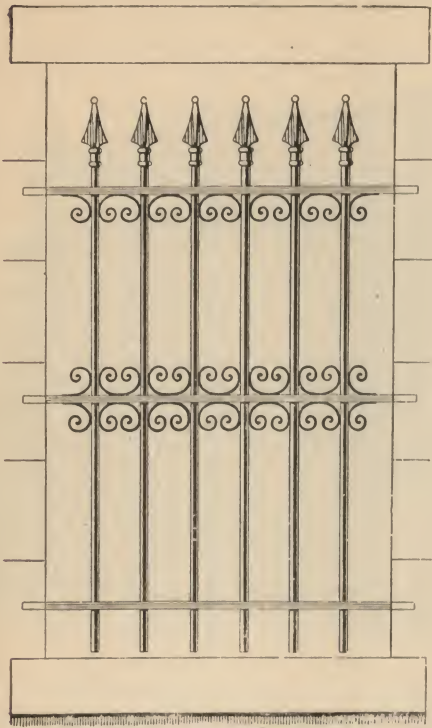
Frame, $2\frac{1}{4} \times \frac{3}{8}$ inches. Bars, $1\frac{1}{2} \times \frac{1}{4}$ inches. Space, $1\frac{1}{4}$ inches. $\frac{3}{8}$ -inch rod through separating washers.

We can make these Gratings to open on hinges, either single or double.

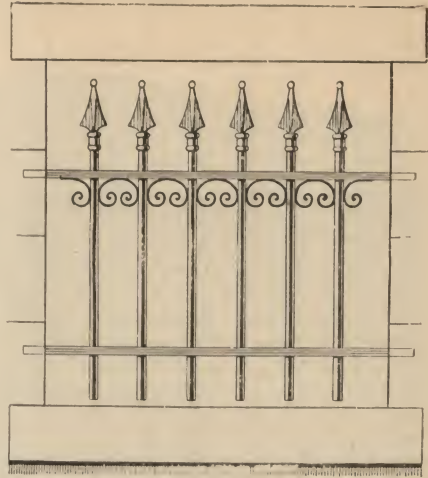
Price for Stationary Gratings, \$1.00 per square foot.

Price for Single-Hinged Gratings, \$1.20 per square foot.

Price for Double-Hinged Gratings, \$1.40 per square foot.



No 225.



No. 230.

STEEL WINDOW GUARDS.

These Window Guards are made of steel to fit any sized opening. They are neat and strong and are finished with one coat of mineral paint. Special designs for this purpose made to order.

$\frac{3}{8}$ -inch round steel pickets, 4 inches from centers	\$.70 per square foot.
$\frac{1}{2}$ -inch round steel pickets, 4 inches from centers	.80 per square foot.
$\frac{5}{8}$ -inch round steel pickets, 4 inches from centers	.90 per square foot.
$\frac{3}{8}$ -inch square steel pickets, 4 inches from centers	.80 per square foot.
$\frac{1}{2}$ -inch square steel pickets, 4 inches from centers	.90 per square foot.
$\frac{5}{8}$ -inch square steel pickets, 4 inches from centers	1.05 per square foot.

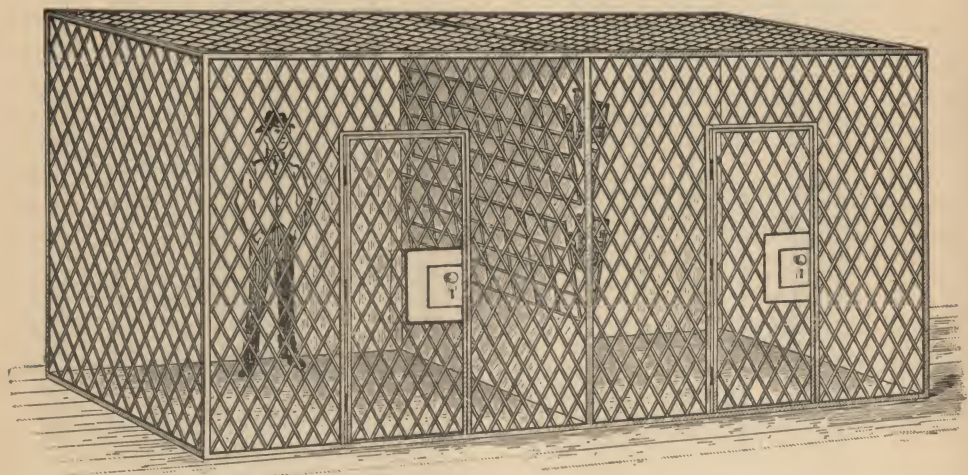
STEEL SHUTTERS.

Price per square foot, \$1.25. Price includes all necessary attachments except shutter eyes, which should be built into the wall. These we can furnish at 50c each.

In ordering shutters, use great care in making measurements so that they will fit the place intended. If eyes are set, give width across the window from hole to hole, and distance from top of stone sill to top of each eye. Also give the distance the center of the hole sets back from edge of brick. Give size of hole in eye.

Price includes one coat of oil paint before shipping.

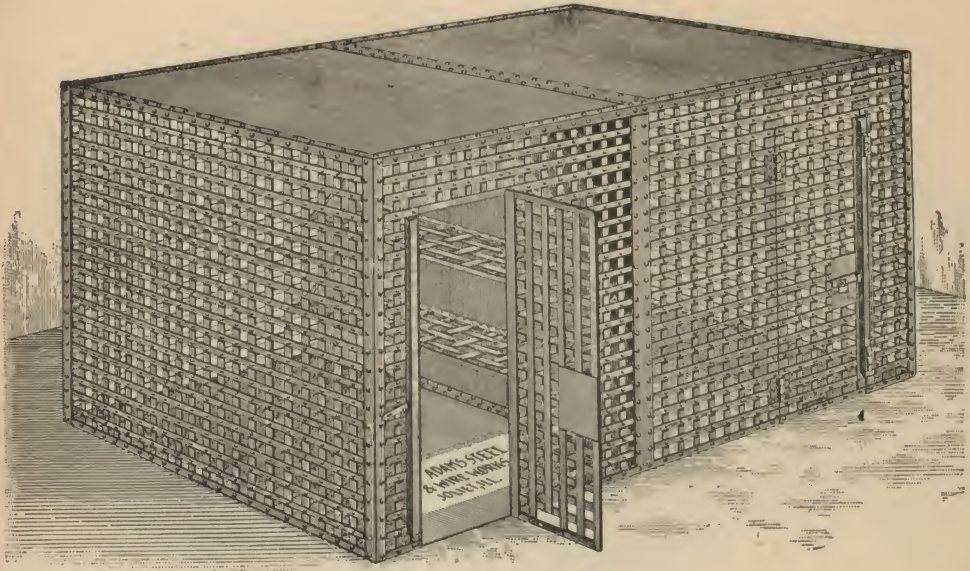




This illustrates our Two Compartment Detention Cage, used for a temporary lock-up for minor offenders.

The frame is of steel, and the filling of heavy galvanized steel wire, usually No. 7. (about 3-16 inch) 2-inch mesh. It may, however, be made with smaller mesh, and heavier or lighter wire, as required. We make these Cages single, double, or in any shape specified.

This makes a very neat cage, and is admirably adapted for villages and county asylums. A section of the detailed construction of the wire and frame is shown in our No. 200 Window Guard, on page 34.



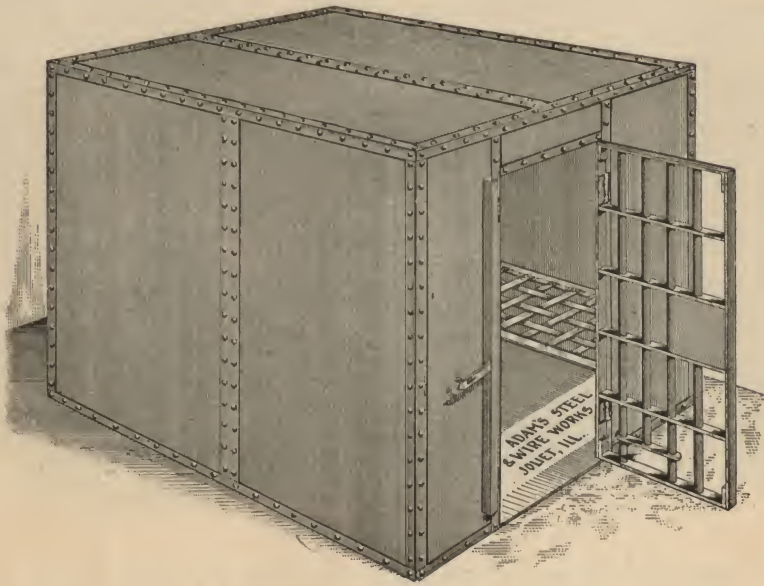
This cut illustrates our Lattice Jail Cage. These Cages are constructed of flat steel bars, usually $1\frac{1}{2}$ inches wide by 3-16 inch thick, riveted 4 inches on centers leaving a $2\frac{1}{2}$ -inch opening. These sizes may be varied to meet special requirements.

All the joints are thoroughly riveted, and the work is perfect in construction. The top may be made either of sheet steel, usually No. 12, or lattice construction. These Cells may be made single, double, or in any required shape.

There are many places where it is necessary to have a good strong place of confinement at a moderate cost, and this lattice work construction amply fills these requirements.

The standard size of our single Cell is 5 feet wide, 7 feet long and 7 feet high. When two or more are joined, they are usually $4\frac{1}{2}$ feet wide, 7 feet long and 7 feet high.

The doors of these Cells are provided with a hinged flap which closes over the entire front of the door, thus preventing the door from being in any way forced open.



This illustrates our Steel Plate Cell with grated door. A window may be placed in the rear protected by grating or lattice work. These Cells may be joined to any of our other styles.

And by making the door plate steel, this Cell may be used as a dungeon or solitary Cell. This is often done where quite a number of cells of any other style are used, thus having this solitary cell for special purposes.

We often make these cells as shown above, except the front which is made of the lattice construction as shown on page 43, or the bar construction shown on pages 45 and 46.

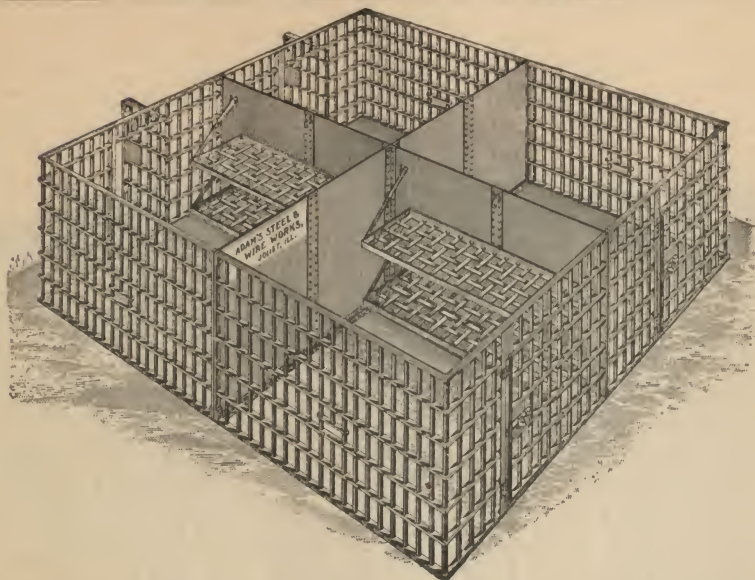
One or two bunks are provided for these cells as required.



This cut illustrates our regular Bar Jail Cage. We make these with the bars as close and heavy as required, and with either sheet steel or bar work tops, as specified.

All of our Cells are first class in material and workmanship. We provide all doors with strong locks. We can place any necessary number of bunks in the Cell. These bunks are usually made to fold against the side as a permanent fixture.

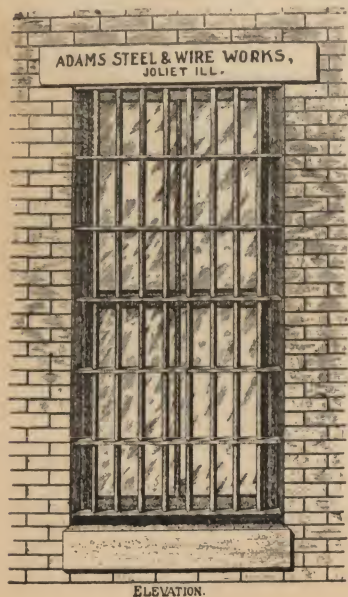
The arrangements of these Cells are varied to meet special requirements, the sides and back may be made of steel plate as noted on page 44. We make them of any size specified.



This illustrates four Cells of regular Bar Jail work in one block, as seen from above, with the top removed. Wire, Lattice and Plate Cells may be constructed in the same manner.

This is the cheapest method of placing cells, as it saves one-half the back partition. They may be placed in one continuous row.

While we have illustrated a few styles of our jail work, we would say that most of the larger jails are built from plans and specifications prepared by an Architect. We are prepared to figure and make bids on any class of this work. If your county clerk or town has any work in this line, let us know.



We make all kinds of Window Guards, and can meet any requirements. On pages 34 and 35 we show a section of our wire Window Guards, which is used in basement windows, in schools and other public buildings, to protect the windows from being broken, or simply to keep out the curious or pilferers. On this page we show a grated window for protection in Jails, Courthouses, Banks, etc. This class of work is usually built into the stone or brick work of the building. We make these any size, to fit any opening.

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